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Notice of Allowability	**Application No.** 10/678,976	**Applicant(s)** KHAWAND ET AL.	
	Examiner Kenny Lin	**Art Unit** 2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *9/5/2007*.
2. ☒ The allowed claim(s) is/are *1-17 and 19-21, now renumbered as 1-20*.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
   1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. Claims 1-21 are presented for examination.

2. The argument raised in the appeal brief filed on 9/5/2007 is persuasive. Accordingly, the finality of the 6/9/2006 Office Action has been withdrawn.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Larry G. Brown on November 8, 2007.

4. The application has been amended as follows:

1. (Currently Amended) An Interprocessor Communication (IPC) network, comprising:

an IPC server;

~~one or more~~ a plurality of IPC clients coupled to the IPC server, one of the plurality of the IPC clients ~~which~~ is a requesting IPC client; and the IPC server includes an operational state table which keeps track of the operational state of the ~~one or more~~ plurality of IPC clients, the IPC server upon receiving a service request from the requesting IPC client determines which from amongst the ~~one or more~~ plurality of IPC clients is best suited to handle the service request based on the operational state table and the requesting IPC client determines whether to use the ~~one or more~~ plurality of IPC clients recommended by the IPC server.

2. (Original) An IPC network as defined in claim 1, wherein the service request includes an opcode which informs the IPC server what service is being requested.

3. (Currently Amended) An IPC network as defined in claim 2, wherein the IPC server upon receiving the opcode determines which from amongst the ~~one or more~~ plurality of IPC clients is capable of supporting the requested service.

4. (Currently Amended) An IPC network as defined in claim 3, wherein the ~~one or more~~ plurality of IPC clients send messages to the IPC server that are used by the IPC server to update the operational state table.

5. (Previously Presented) An IPC network as defined in claim 4, wherein the requesting IPC client can request a specific node to handle the service request and the IPC server will monitor the operational state table in order to determine when the specific node is available to handle the service request.

6. (Original) An IPC network as defined in claim 4, wherein the IPC network is located within a radio communication device.

7. (Currently Amended) An IPC network as defined in claim 4, wherein the messages sent by the ~~one or more~~ plurality of IPC clients to the IPC server are sent periodically.

8. (Currently Amended) An IPC network as defined in claim 4, wherein the messages sent by the ~~one or more~~ plurality of IPC clients to the IPC server are sent after each of the ~~one or more~~ plurality of IPC clients reaches a certain operational usage threshold level.

9. (Currently Amended) An IPC network as defined in claim 4, wherein at least one of the ~~one or more~~ plurality of IPC clients has sub-clients coupled to the IPC client and the IPC server sends the operational state table to the IPC client.

10. (Currently Amended) A method for providing intelligent targeting of nodes in an interprocessor communications (IPC) network having ~~one or more~~ a plurality of nodes and an IPC server coupled to the ~~one or more~~ plurality of nodes, comprising the steps of:

(a) receiving from one of the plurality of nodes a service request at the IPC server;

(b) determining which of the ~~one or more~~ plurality of nodes can handle the service request;

(c) selecting from the ~~one or more~~ plurality of nodes that have been determined to be able to handle the service request in step (b) the best one to handle the service request using an operational state table located within the IPC server, wherein the requesting node determines whether to use the node that was selected using the operational state table.

11. (Previously Presented) A method as defined in claim 10, further comprising:

(d) sending a message to the requesting node informing it which node will handle the service request.

12. (Currently Amended) A method as defined in claim 10, wherein the operational table includes information regarding the current operational state of each of the ~~one or more~~ plurality of nodes, and the IPC server determines based on the operational state information which of the ~~one or more~~ plurality of nodes is best suited to perform the service being requested by the service request.

13. (Currently Amended) A method as defined in claim 10, wherein the requesting node sending the service request of step (a) can specify which of the ~~one or more~~ plurality of nodes [[it]] the requesting node wants to have perform the service, and the

IPC server can determine if the specified node is currently available to handle the service request.

14. (Previously Presented) A method as defined in claim 13, wherein if the IPC server determines that the node specified by the requesting node can not presently perform the requested service, the IPC server will check the operational state table periodically until the specified node is available to perform the service, at which point the IPC server will send a message to the requesting node informing the requesting node that the requested node is available to perform the requested service.

15. (Currently Amended) A method as defined in claim 10, wherein the ~~one or more~~ plurality of nodes periodically send messages to the IPC server which update the information in the operational state table.

16. (Currently Amended) A method as defined in claim 10, wherein at least one of the ~~one or more~~ plurality of nodes sends a message to the IPC server which updates the information in the operational state table when [[it]] the at least one of the plurality of nodes reaches a predetermined operational activity threshold level.

17. (Currently Amended) An Interprocessor Communication (IPC) network, comprising:

an IPC server;

~~one or more~~ a plurality of clients coupled to the IPC server, wherein one of the ~~one or more~~ plurality of clients has at least one or more clients coupled ~~to the client as a~~ as sub-clients; and

the IPC server includes an operational state table which keeps track of the operational state of the ~~one or more~~ plurality of clients, and the IPC server provides the operational state table to the one of the plurality of clients that has the at least one or more sub-clients coupled thereto; ~~to the client~~

wherein if one of the at least one or more sub-clients sends a service request message, the one of the plurality of clients that has the operational state table determines which client can handle the service request base on the operational state table.

18. (Canceled)

19. (Currently Amended) An IPC network as defined in claim 17, wherein the ~~one or more~~ plurality of clients send messages to the IPC servers which are used to update the operational state table.

20. (Original) An IPC network as defined in claim 19, wherein the messages which are used to update the operational state table are sent periodically to the IPC server

21. (Currently Amended) An IPC network as defined in claim 19, wherein the messages which are used to update the operational state table are sent by the ~~one or more~~ plurality of clients after each has reached a predetermined activity threshold level.

5. The following is an examiner's statement of reasons for allowance: None of the prior arts of the record individually or in combination explicitly teaches or fairly suggests each and every claimed limitation of the current invention, especially the limitation of determining which from amongst the plurality of IPC clients is best suited to handle the service request base on the operational state table and the requesting IPC client determines whether to use the recommended IPC clients selected by the IPC server.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenny Lin whose telephone number is (571) 272-3968. The examiner can normally be reached on 8 AM to 5 PM Tue.-Fri. and every other Monday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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November 13, 2007